

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) An electronic device having an electronic circuit ~~characterized by~~ comprising:
  - a driving element including a plurality of transistors;
  - wherein the plurality of transistors ~~[[is]]~~ are connected in series when inputting current as a first step and the plurality of transistors ~~[[is]]~~ are connected in parallel when outputting current as a second step.
2. (Currently amended) An electronic device having an electronic circuit ~~characterized by~~ comprising:
  - a driving element including a plurality of transistors;
  - wherein the electronic circuit has means to switch between a series connection state and a parallel connection state of the plurality of transistors; and
  - wherein the electronic circuit amplifies an inputted current for output.
3. (Currently amended) An electronic device having an electronic circuit which amplifies an inputted current when outputted, ~~characterized by comprising~~ comprising:
  - a driving element including a plurality of transistors; and
  - a switch,
  - wherein each gate of the plurality of transistors is connected to each other;
  - wherein at least one of a source or a drain of each of the plurality of transistors is connected to a source or a drain of another transistor of the plurality of transistors; and

wherein the plurality of transistors can be connected either in series or parallel by switching over the switch switches the plurality of transistors between a series connection state and a parallel connection state.

4. (Currently amended) An electronic device having an electronic circuit ~~characterized in by~~ comprising:  
n transistors; and  
a first and a second switch,  
wherein gates of the n transistors are connected electrically;  
either of sources or drains of the n transistors are electrically connected to the first switch respectively;  
another of sources or drains of the n transistors are electrically connected to the second switch respectively;  
when a current is inputted to the electronic circuit, as for a  $k^{\text{th}}$  transistor ( $k=2$  to less than  $n$ ) in the n transistors, a current flows through a  $(k-1)^{\text{th}}$  transistor to a  $(k+1)^{\text{th}}$  transistor via the  $k^{\text{th}}$  transistor; and  
when the current is outputted in the electronic circuit, as for the  $k^{\text{th}}$  transistors, the current flows from the side connected to the second switch to the side connected to the first switch.

5. (Currently amended) The electronic ~~circuit~~ device according to claim 1, ~~characterized in that~~ wherein the plurality of transistors are either all p-channel type or n-channel type.

6. (Currently amended) The electronic ~~circuit~~ device according to claim 1, ~~characterized in that~~ wherein channel lengths, channel widths and insulating film thicknesses of the plurality of transistors are all equal.

7. (Currently amended) The electronic ~~circuit~~ device according to claim 1, ~~characterized in that~~ wherein the plurality of transistors are TFTs.

8. (Currently amended) ~~An integrated circuit characterized in by using the electronic circuit according to claim 1~~ The electronic device according to claim 1, wherein the electronic circuit is included in an integrated circuit.

9. (Currently amended) ~~A system circuit characterized by using:~~  
~~the electronic circuit according to claim 1,~~  
~~wherein the system circuit is formed over a glass substrate~~ The electronic device according to claim 1, wherein the electronic circuit is included in a system circuit and is formed over a glass substrate.

10. (Cancelled)

11. (Currently amended) The electronic device according to claim ~~10~~, ~~characterized in that~~ 1, wherein the electronic device is one selected from the group ~~consist~~ consisting of a monitor, a video camera, a digital camera, a goggle type display, a navigation system, an audio component system, a car audio, a personal computer, a game machine, a mobile computer, a portable phone, a portable game machine, an electronic book, and an image reproduction device provided with a recording medium.

12. (Currently amended) A personal computer comprising:  
a body,  
a housing,  
an external connecting port,  
and an electronic circuit having a driving element, ~~characterized in that~~  
wherein the driving element comprises a plurality of transistors, and

~~that wherein the plurality of transistors are in a series connection state when a current is inputted and in a parallel connection state when a current is outputted~~ electronic circuit has means to switch between a series connection state and a parallel connection state of the plurality of transistors.

13. (Currently amended) A personal computer comprising:  
a body,  
a housing,  
an external connecting port, and  
an electronic circuit having a driving element, ~~characterized in that~~  
wherein the electronic circuit comprises a driving element provided with a plurality of transistors and a switch,  
~~that wherein~~ the electronic circuit amplifies an inputted current for output,  
~~that each gate wherein gates~~ of the plurality of transistors ~~[[is]]~~ are connected to each other,  
wherein at least one of a source or a drain of each of the plurality of transistors is connected to a source or a drain of another transistor of the plurality of transistors~~that at least one of a source and a drain of each of the plurality of transistors is connected to a source or a drain of other one of the plurality of transistors, and~~  
~~that the plurality of transistors are in a series connection state or a parallel connection state by a switching over of~~ wherein the switch switches the plurality of transistors between a series connection state and a parallel connection state.

14. (Currently amended) The personal computer according to claim 12, ~~characterized in that~~ wherein the personal computer comprises a display portion.

15. (Currently amended) The personal computer according to claim 12, ~~characterized in that~~ wherein the electronic circuit is included in a display portion.

16. (Currently amended) The personal computer according to claim 12, ~~characterized~~ wherein the personal computer comprises a keyboard and a pointing mouse.

17. (Currently amended) The electronic ~~circuit~~ device according to claim 2, ~~characterized in that~~ wherein the plurality of transistors are either all p-channel type or n-channel type.

18. (Currently amended) The electronic ~~circuit~~ device according to claim 3, ~~characterized in that~~ wherein the plurality of transistors are either all p-channel type or n-channel type.

19. (Currently amended) The electronic ~~circuit~~ device according to claim 4, ~~characterized in that~~ wherein the plurality of transistors are either all p-channel type or n-channel type.

20. (Currently amended) The electronic ~~circuit~~ device according to claim 2, ~~characterized in that~~ wherein channel lengths, channel widths and insulating film thicknesses of the plurality of transistors are all equal.

21. (Currently amended) The electronic ~~circuit~~ device according to claim 3, ~~characterized in that~~ wherein channel lengths, channel widths and insulating film thicknesses of the plurality of transistors are all equal.

22. (Currently amended) The electronic ~~circuit~~ device according to claim 4, ~~characterized in that~~ wherein channel lengths, channel widths and insulating film thicknesses of the plurality of transistors are all equal.

23. (Currently amended) The electronic ~~circuit~~ device according to claim 2, ~~characterized in that~~ wherein the plurality of transistors are TFTs.

24. (Currently amended) The electronic ~~circuit~~ device according to claim 3, ~~characterized in that~~ wherein the plurality of transistors are TFTs.

25. (Currently amended) The electronic ~~circuit~~ device according to claim 4, ~~characterized in that~~ wherein the plurality of transistors are TFTs.

26. (Currently amended) ~~An integrated circuit characterized in by using the electronic circuit according to claim 2~~ The electronic device according to claim 2, wherein the electronic circuit is included in an integrated circuit.

27. (Currently amended) ~~An integrated circuit characterized in by using the electronic circuit according to claim 3~~ The electronic device according to claim 3, wherein the electronic circuit is included in an integrated circuit.

28. (Currently amended) ~~An integrated circuit characterized in by using the electronic circuit according to claim 4~~ The electronic device according to claim 4, wherein the electronic circuit is included in an integrated circuit.

29. (Currently amended) ~~An integrated circuit characterized in by using the electronic circuit according to claim 5~~ The personal computer according to claim 12, wherein the electronic circuit is included in an integrated circuit.

30. (Currently amended) ~~An integrated circuit characterized in by using the electronic circuit according to claim 6~~ The personal computer according to claim 13, wherein the electronic circuit is included in an integrated circuit.

31. (Cancelled)

32. (Currently amended) ~~A system circuit characterized by using:  
the electronic circuit according to claim 2,  
wherein the system circuit is formed over a glass substrate~~ The electronic device  
according to claim 2, wherein the electronic circuit is included in a system circuit and is formed  
over a glass substrate.

33. (Currently amended) ~~A system circuit characterized by using:  
the electronic circuit according to claim 3,  
wherein the system circuit is formed over a glass substrate~~ The electronic device  
according to claim 3, wherein the electronic circuit is included in a system circuit and is formed  
over a glass substrate.

34. (Currently amended) ~~A system circuit characterized by using:  
the electronic circuit according to claim 4,  
wherein the system circuit is formed over a glass substrate~~ The electronic device  
according to claim 4, wherein the electronic circuit is included in a system circuit and is formed  
over a glass substrate.

35. (Currently amended) ~~A system circuit characterized by using:  
the electronic circuit according to claim 5,  
wherein the system circuit is formed over a glass substrate~~ The personal computer  
according to claim 12, wherein the electronic circuit is included in a system circuit and is formed  
over a glass substrate.

36. (Currently amended) ~~A system circuit characterized by using:~~

~~the electronic circuit according to claim 6,  
wherein the system circuit is formed over a glass substrate~~ The personal computer  
according to claim 13, wherein the electronic circuit is included in a system circuit and is formed  
over a glass substrate.

37-43. (Cancelled)

44. (Currently amended) The personal computer according to claim 13, ~~characterized~~  
~~in that~~ wherein the personal computer comprises a display portion.

45. (Currently amended) The personal computer according to claim 13, ~~characterized~~  
~~in that~~ wherein the electronic circuit is included in a display portion.

46. (Currently amended) The personal computer according to claim 13, ~~characterized~~  
wherein the personal computer comprises a keyboard and a pointing mouse.